



GFS-A52-Petro

ANDROID-BASED INTELLIGENT GUARD PATROL MONITORING DEVICE



Make Patrol Easier

A handheld patrol reader built around Android 11, with 5G/Wi-Fi/USB communication, NFC/2.4G/GPS checkpoint support and real-time patrol monitoring.

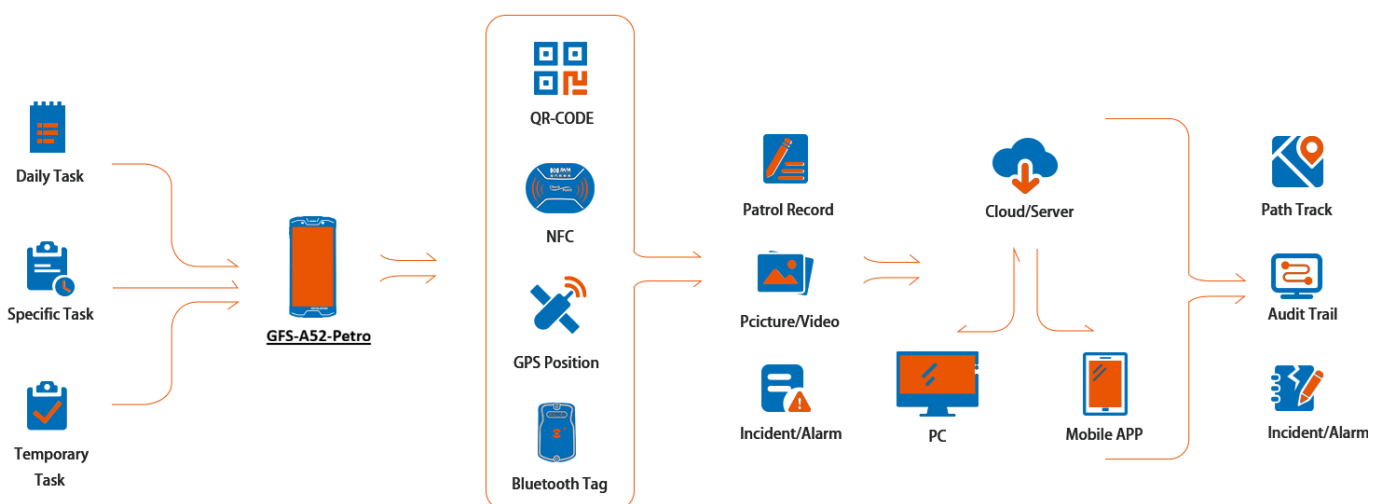
System Structure

Device + APP + PC + Mobile

Core System Components

Component	Description
Software 3.0	Install on server or PC; used for setting patrol schedules and checking patrol data.
WM-5000PH8	Handheld reader used for guard patrol operations.
Checkpoint	NFC / QR Code / 2.4G / GPS checkpoint options; installed at locations requiring patrol.

Real-Time Guard Status Monitoring • Patrol Scheduling • Patrol Data Management



GFS-A52-Petro – Technical Specifications

Parameter	Specification
Operating System	Android 11
Communication	5G / Wi-Fi / USB
Processor	Octa-core processor
RAM / Storage	4 GB RAM / 64 GB ROM
Display	5.5-inch HD IPS screen with 5-point touch control
Camera	Front: 13 MP; Rear: 24 MP
NFC Frequency	13.56 MHz
Reading Distance	3–5 cm
Battery	3.8 V, 5000 mAh
Dimensions	165 mm × 77 mm × 15.5 mm
Weight	317 g
IP Rating	IP66
Certifications	CE, RoHS, FCC, ISO

Patrol Checkpoint Options

Type	Key specifications
NFC Checkpoint	Weight 19 g; IP68/67; reading distance 3–5 cm; 13.56 MHz; –40°C to +85°C; 76 × 56 × 10 mm.
Luminous Checkpoint	Acrylic; IP67; 13.56 MHz; reading distance 3–5 cm; 100 × 60 × 1.8 mm.
Bluetooth Checkpoint	2.4 GHz (2400–2483.5 MHz); reading distance ≤10 m; battery 850 mAh; IP67; –40°C to +85°C; 58 g; 72 × 45 × 24 mm.
QR-Code	QR-code checkpoint option; customizable.



Weight: 19g

IP Standard: IP67

Reading Distance: 3~5cm

Temperature: -40°C~+85°C

Size: 76mm×56mm×10mm

Reading Frequency: 13.56Mhz

Software & Patrol Management

Software 3.0 is designed for server/PC installation, patrol scheduling and patrol-data checking. The source material also identifies real-time guard-status monitoring, defect management, schedule creation and work-task management.



Deployment Workflow

1. Plan	2. Patrol	3. Capture	4. Monitor	5. Report
Create schedules & work tasks	Guard carries GFS-A52	NFC / 2.4G / GPS checkpoint	guard status in real time	Check/export patrol data



Applications & Product Information

The supplied datasheet lists applications across petrochemical, manufacturing plants, electric power, public security and fire protection, rail transit, mobile communications, forestry, schools, banks, hotels and hospitals.

Key Benefits

Mobile Patrol	Android-based handheld device for field patrol operations.
Connectivity	5G / Wi-Fi / USB communication for connected workflows.
Flexible Checkpoints	NFC, 2.4G and GPS checkpoint options.
Rugged Design	IP68-rated handheld device; checkpoint options include IP67-rated models.
Centralized Management	Server/PC software supports schedule setup and patrol-data checking.
Real-Time Visibility	Real-time guard-status monitoring is identified in the supplied material.

VIRAYA TECHNOLOGY

Security & Automation Solutions | Access Control | AI & Smart Monitoring | Patrol Management

www.virayatech.com | info@virayatech.com | India # 91 9654386394